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Substitute for form 1449A/PTO		Complete if known <i>10 683 041</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	08/310,892
		Filing Date	February 23, 2000
		First Named Inventor	Herr
		Group Art Unit	2815
		Examiner Name	J. Jackson, Jr.
Sheet 1 of 1	Attorney Docket Number	361007-0000007	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	D. M. Eigler et al., "Positioning single atoms with a scanning tunnelling microscope", <i>Nature</i> , Vol. 344 (April 1990) pp 524-526	
	AB	P. Bedrossian et al., "Demonstration of the tunnel-diode effect on an atomic", scale, <i>Nature</i> , Vol. 342 (November 1989) pp 258-260	

Examiner Signature	<i>J. Jackson</i>	Date Considered	8/04
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*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard SL3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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FORM PTO-1449
REV. 2-32

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTORNEY DOCKET NO.: 361007-7

SERIAL NO.: 09/510,882

IN RE APPLICATION OF: Daniel Herr, et al.

FILING DATE: March 6, 2000

GROUP ART UNIT:

FOR: Supramolecular Structures and Devices Made From Same

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5 9 8 1 3 1 6	11/06/99	Yamada, et al.	438	128	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
					YES NO

EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- Desiraju, G.R. (Ed.), *Thoughts on Crystals as Supramolecules*, The Crystal as a Supramolecular Entity, John Wiley and Sons Ltd., 1996.
- Feynman, R.P., *Infinitesimal Machinery*, Journal of MicroMechanical Systems, Vol. 2, No. 1, March 1993, pp. 4-14.
- Feynman, R.P., *There's Plenty of Room at the Bottom*, Engineering and Science, Vol. 23, 1960, pp. 22-36, Reprinted in Anthony J.G. Hey (Ed.), *Feynman and Computation: Exploring the Limits of Computers*, Perseus Books, 1999.
- Giro, et al., *Single Layer Electroluminescent Devices Based on Molecularly Doped Polymer (MDP) Films*, Synthetic Metals, Vol. 84, 1997, pp. 379-80.
- Johnson, et al., *Electroluminescence From Single Layer Molecularly Doped Polymer Films*, SPIE, Vol. 1910, 1993, pp. 6-14.
- Metzger, R.M., *Electrical Rectification by a Molecule: The Advent of Unimolecular Electronic Devices*, Accounts of Chemical Research, Vol. 32, No. 11, 1999, pp. 950-7.
- Nikzad, et al., *Direct Detection and Imaging of Low-Energy Electrons With Delta-Doped Charge-Coupled Devices*, Applied Physics Letters, Vol. 73, No. 23, December 7, 1998, pp. 3417-9.
- Stormer, et al., *GaAs Field-Effect Transistor With An Atomically Precise Ultrashort Gate*, Appl. Phys. Lett., Vol. 59, No. 9, August 26, 1991, pp. 1111-3.
- Tucker, et al., *Prospects for Atomically Ordered Device Structures Based on STM Lithography*, Solid-State Electronics, Vol. 42, No. 7-8, 1998, pp. 1061-7.
- Zaknoute, et al., *High-Power V-Band Ga_{0.51}In_{0.49}P/In_{0.5}Ga_{0.5}As Pseudomorphic HEMT Grown by Gas Source Molecular Beam Epitaxy*, IEEE Microwave and Guided Wave Letters, Vol. 9, No. 1, January 1999, pp. 28-30.

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Substitute for form 1448A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known 10 685 041		
			Application Number	00/310,802	
			Filing Date	February 23, 2000	
			First Named Inventor	Herr, Daniel Joseph Christian	
			Group Art Unit	2815	
			Examiner Name	Jackson	
Sheet	1	of	2	Attorney Docket Number	361007-07

[illegible][illegible]

Examiner Signature	<i>A. Jackson</i>	Date Considered	8/04
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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449B/PTO		Complete if known 10/16/2004	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	89/510,602
		Filing Date	February 23, 2000
		First Named Inventor	Herr, Daniel Joseph Christian
		Group Art Unit	2815
		Examiner Name	Jackson
Sheet 2 of 2	Attorney Docket Number	361007-000007	

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Saito, S. et al., "Electronic Structure of Si ₂₀ and C ₂₀ Fullerenes," <i>Proceedings of the Symposium on Recent Advances in the Chemistry and Physics of Fullerenes and Related Materials</i> , Vol. 3, pp. 457-461, 1996	
		Cavin, R. et al., "Semiconductor research needs in the nanoscale physical sciences: a Semiconductor Research Corporation working paper," <i>Journal of Nanoparticle Research</i> 2; pp. 213-235; 2000.	
		Ozin, Geoffrey A.; "Nanochemistry: Synthesis in Diminishing Dimensions," <i>Advanced Materials</i> 4, No. 10; pp.612-649; 1992.	

Examiner Signature		Date Considered	8/04
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